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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/919,661	07/31/2001	Glenn Adler	US018114	4666

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EXAMINER

DINH, DUC Q

ART UNIT PAPER NUMBER

2674

DATE MAILED: 05/03/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/919,661

Applicant(s)

ADLER, GLENN

Examiner

DUC Q DINH

Art Unit

2674

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 23 February 2004.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-6 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1,4 and 5 is/are rejected.
- 7) ☒ Claim(s) 2,3 and 6 is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|---|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date <u>13</u> . | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

Continued Examination Under 37 CFR 1.114

1. A request for continued examination under 37 CFR 1.114, including the fee set forth in 37 CFR 1.17(e), was filed in this application after final rejection. Since this application is eligible for continued examination under 37 CFR 1.114, and the fee set forth in 37 CFR 1.17(e) has been timely paid, the finality of the previous Office action has been withdrawn pursuant to 37 CFR 1.114. Applicant's submission filed on February 23, 2004 has been entered and a Non-Final Office Action is provided as following.

Claim Objections

2. Claims 5 and 6 are objected to because of the following informalities:

Claim 5, line 1 "comprising control circuitry" should read "comprising a conversion circuitry".

Claim 6

Line 1, "includes mode switching circuitry" should read "includes a mode switching circuitry".

Line 2, "with a data processing system" should read "with the data processing system".

Appropriate correction is required.

Claim Rejections - 35 USC § 112

3. The following is a quotation of the first paragraph of 35 U.S.C. 112:

The specification shall contain a written description of the invention, and of the manner and process of making and using it, in such full, clear, concise, and exact terms as to enable any person skilled in the art to which it pertains, or with which it is most nearly connected, to make and use the same and shall set forth the best mode contemplated by the inventor of carrying out his invention.

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4. Claim 5 is rejected under 35 U.S.C. 112, first paragraph, as failing to comply with the written description requirement. The claim(s) contains subject matter which was not described in the specification in such a way as to reasonably convey to one skilled in the relevant art that the inventor(s), at the time the application was filed, had possession of the claimed invention. Claim 5 cites the limitation “conversion circuitry for converting first data of a first format being communicated from the first peripheral device to the monitor into a second format for data communication with the data processing system in further operational mode. The specification, specially, paragraph [0006] and [0009] only discloses “sub system 112 comprises a wireless modem and data processing capabilities to enable wireless data communication between the stand alone mode and external data source [008] and different data communication protocols may be used for communication between peripheral device and monitor on one hand, and for communication between monitor 102 and PC 104 in the other hand [0009]”.

The examiner examines the application based on best understood of the claim language.

Claim Rejections - 35 USC § 102

5. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

6. Claims 1, 4-5 are rejected under 35 U.S.C. 102(b) as being anticipated by Beeteson et al (U.S. Patent No. 5,877,745), hereinafter Beeteson.

In reference to claim 1, Beeteson discloses in Fig. 1-3 monitor 20 (corresponding to the display monitor), monitor 20 is connected to system unit 10 by an interface cable 110. As shown in Fig. 1, the peripheral devices (keyboard 30, mouse 40, printer 50) are wirelessly connected to the monitor for user interacts with users (corresponding to the stand alone operational mode). In addition, processing system 10 connected to the display 20 so that the display is served as the output for the processing system (corresponding to the further operational mode). The monitor comprises peripheral controller 25 for communicating with the peripheral devices; display driver 21, display processor 23, transceivers 28, 29 and data buffers 26,27 (corresponding to circuitry for enabling data communication) communicate with the processing system 10 (corresponding to a further operational mode) as claimed (col. 2, line 35 – col.3, line 54).

In reference to claim 4, Beeteson discloses in Fig. 2 the monitor is connected to the data storage devices 11 and 12 and 14 for displaying data in the monitor 20. Data displays on monitor 20 is controlled by the peripheral device (see col. 2, line 56-col. 3, line 36).

In reference to claim 5, Beeteson discloses in display device 20, controller 25 assigns a different logical address to each physical address received from the peripheral devices. After processor 23 has sent the display identification data to system unit 10, controller 25 takes over serial data channel 60 and sends each assigned logical address to system unit 10. Controller 25

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also transmits each assigned logical address back to the relevant peripheral device (col. 5, lines 5-10).

Allowable Subject Matter

7. Claims 2-3 and 6 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

8. None of the cited arts teaches or suggests the monitor of claim 1 wherein the monitor includes mode switching circuitry for detecting the monitor's connection state with a data processing system and determines whether the monitor should be in the stand-alone mode or the further operational mode depending on the connecting state.

Response to Arguments

9. Applicant's arguments (see page 6-9) of the Amendment filed on February 23, 2004 have been fully considered but they are not persuasive. With respect to claim 1, Applicant argues that Beeteson does not include any teaching control over functionality in the display through the peripheral devices, and/or that the specific functionality for a peripheral device enables control over any functionality in display device 20. See the rejection respect to claim 1 above. In addition, Beeteson discloses adaptor 15 communicates display control data between system unit 10 and display device 20 along a serial data channel 60 of interface cable 110. Adaptor 15 also

permits data and instructions to be manually entered into system unit 10 from keyboard 30 and pointing device 40 via wireless links 80 and 90, display device 20 and serial data channel 60.

Furthermore, adaptor 15 allows data and instructions to be sent from system unit 10 to printer 50 via wire-less link 100, display device 20, and serial data channel 60. With respect to claims 4-5 see the rejection above.

Therefore, the rejection is maintained.

Conclusion

10. Any inquiry concerning this communication or earlier communications from the examiner should be directed to **DUC Q DINH** whose telephone number is **(703) 306-5412**. The examiner can normally be reached on Mon-Fri from 8:00.AM-4:00.PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, **RICHARD A HJERPE** can be reached on **(703) 305-4709**.

Any response to this action should be mailed to:

Commissioner of Patents and Trademarks

Washington, D.C. 20231

Or faxed to:

(703) 872-9306 (for Technology Center 2600 only)

Hand-delivery response should be brought to: Crystal Park II, 2121 Crystal Drive,
Arlington, Va Sixth Floor (Receptionist)

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Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the Technology Center 2600 Customer Service Office whose telephone number is (703) 305-4700.

DUC Q DINH

Examiner

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DQD

April 28, 2004


REGINA LIANG
PRIMARY EXAMINER